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(71) Applicant (for all designated States except US): ABERDEEN UNIVERSITY [GB/GB]; Research and Innovation, University Office, Kings College, Aberdeen AB24 3FX (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): BAGLEY, Phillip, Michael [GB/GB]; 14 Whiteness Cottages, Hightown, Collieston, Aberdeenshire AB41 8RS (GB). PLAYER, Michael, Antony [GB/GB]; 26 St. Ronan's Drive, Peterculter, Aberdeen AB14 0RB (GB). JAMIESON, Alan, John [GB/GB]; 21c Ashgrove Road, Aberdeen AB25 3AE (GB).

(74) Agents: WILLIAMS, Paul, Edwin et al.; Ablett & Stebbing, Caparo House, 101-103 Baker Street, London W1U 6FQ (GB).

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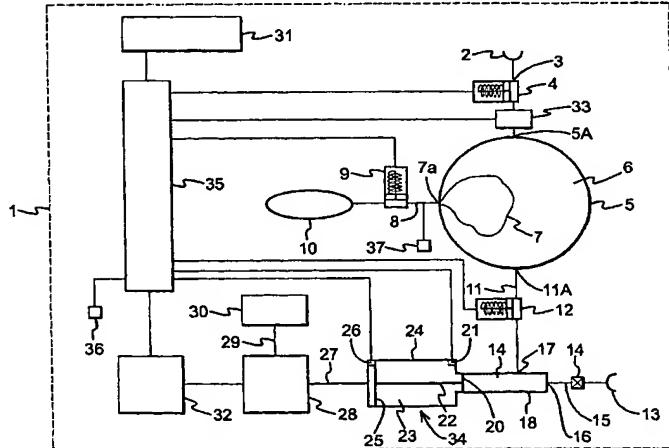
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(54) Title: A BUOYANCY CONTROL SYSTEM



(57) Abstract: The present invention relates to a buoyancy control system, and in particular to a buoyancy control system for controlling the buoyancy of an underwater submersible. The buoyancy control system comprises a buoyancy chamber (5) having a seawater inlet (5A) and a seawater outlet (11A), a power supply (31) used to power at least one electrical component of the system, and a hydraulic system for pumping seawater from the chamber through the outlet. The hydraulic system comprises a hydraulic pump (28) and a pressure multiplier (34), the hydraulic pump for applying pressure to the pressure multiplier, and the pressure multiplier for increasing the pressure applied thereto by the hydraulic pump, and for applying the increased pressure to seawater from the chamber to thereby pump out the seawater.

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